

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/003863

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04R1/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/30151 A (CROSS ROBIN CHRISTOPHER ; NEW TRANSDUCERS LTD (GB); HAWKSFORD MALCOLM) 11 April 2002 (2002-04-11) cited in the application page 2, line 16 - line 23 page 4, line 6 - line 12; figure 6	1,12
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03, 3 April 2002 (2002-04-03) & JP 2001 320790 A (TEMUKO JAPAN:KK), 16 November 2001 (2001-11-16) cited in the application abstract	1,12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

7 December 2004

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14/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0051, no. 59 (E-077), 14 October 1981 (1981-10-14) & JP 56 089200 A (MATSUSHITA ELECTRIC IND CO LTD), 20 July 1981 (1981-07-20) cited in the application abstract -----	1,12
A	EP 0 351 461 A (SCHREIBER SIMEON B) 24 January 1990 (1990-01-24) abstract column 7, line 51 - column 8, line 18; figures 5,5a -----	1,12
A	PATENT ABSTRACTS OF JAPAN vol. 0082, no. 68 (E-283), 7 December 1984 (1984-12-07) & JP 59 139786 A (MATSUSHITA DENKI SANGYO KK), 10 August 1984 (1984-08-10) abstract -----	1,12 -



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			WO	0230151 A2		11-04-2002
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			AU	4466701 A		20-11-2001
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